A P P E N D I X B

CDR XML Tags and Attributes

This appendix details XML tags used to label data in the stored CDR .xml file, the attributes of each configurable tag, and the order in which the tags are arranged. Topics in this section include:

- Overview of the CDR XML Tag Index, page B-1
- Understanding the CDR XML Tags, page B-5

Note All references to "VCS" in this appendix are equivalent to "Resource Manager".

Overview of the CDR XML Tag Index

The production and storage of CDR (Call Data Records) in Resource Manager is enabled via the Resource Manager Configuration Tool. CDR records are saved in XML format and provide comprehensive records of each call which can then be used for analysis of the system for diagnostic and billing purposes.

The CDR XML tag index is a detailed list of each element that can be configured to appear in the CDR.

For more information about configuring the CDR, see the "Using the CDR Configuration Tab" section on page 11-14.

Accessing the CDR XML Tag Index

A CDR file is generated each day, by default.

Procedure

Step 1 To access CDR .xml files, from the Windows Start menu, select **Programs >** Cisco Unified Videoconferencing Manager **> CDR files**.

Step 2 Open the relevant CDR file.

The information configured to appear is listed within the tags. For a list (index) of the XML tags that can appear in the CDR, see Table B-1 on page B-2.

Index of XML Tags in the CDR

The following is a list of the xml tags in the CDR, listed in their hierarchical relationship to each other.

Note   In the tags, "VCS" is equivalent to "Resource Manager", "conference" is equivalent to "meeting", and "service" is equivalent to "meeting type".

Table B-1   Index of XML tags in the CDR

Element
\<conferences> \</conferences>
\<Event/>
\<ConferenceData> \</ConferenceData>
\<Scheduling-Data> \</Scheduling-Data>
\<Conference> \</Conference>
\<Basic-Information> \</Basic-Information>
\<Virtual-Conference-ID />
\<Master-Conference-ID />
\<Slave-Conference-ID-List> \</Slave-Conference-ID-List>
\<Slave-Conference-ID />
\<Subject />
\<Reference-Code />
\<Description />
\<MultiPoint-PointToPoint />
\<Scheduled-Adhoc />
\<Start-Time />
\<Duration />
\<VCS-Server-TimeZone />
\<Auto-Extend />
\<Advanced-Information> \</Advanced-Information>
\<Extra-IP-Ports-Reserved>\<Extra-IP-Ports-Reserved/>
\<Extra-ISDN-Ports-Reserved />
\<Priority />
\<DateTime-Scheduled />
\<DateTime-Cancelled />
\<Conference-Lifecycle-Summary> \</Conference-Lifecycle-Summary>
\<Resources-Scheduled> \</Resources-Scheduled>
\<DateTime-Modified />
\<Total-IP-Bandwidth />
\<Total-ISDN-Bandwidth />
\<Total-MCU-Connections-Number />
\<Total-GW-Connections-Number />
\<Resources> \</Resources>
\<Conference-Service> \</Conference-Service>
\<VCS-Service-Id />
\<MCU-Service-Prefix />
\<Min-Video-Layout />
\<Max-Video-Layout />
\<Max-Bit-Rate-In />
\<Max-Bit-Rate-Out />
\<Max-Frame-Rate-In />
\<Max-Frame-Rate-Out />
\<Max-Picture-Format-In />

Table B-1 *Index of XML tags in the CDR (continued)*

Element
<Max-Picture-Format-Out />
<Max-T120-Ports-Reserved />
<Max-Subconferences />
<Resources-Scheduled-At-Time-Of-Conference> </Resources-Scheduled-At-Time-Of-Conference>
<Total-IP-Bandwidth />
<Total-ISDN-Bandwidth />
<Total-MCU-Connections-Number />
<Total-GW-Connections-Number />
<Attendees-Terminals> </Attendees-Terminals>
<Host> </Host>
<VCS-User-Id />
<Login-Id />
<First-Name />
<Last-Name />
<Email />
<VCS-Customer-Id />
<Company-Name />
<Customer-Profile-Type />
<Customer-Billing-Phone />
<Is-Controller />
<Organizer> </Organizer>
<VCS-User-Id />
<Login-Id />
<First-Name />
<Last-Name />
<Email />
<VCS-Customer-Id />
<Company-Name />
<Customer-Profile-Type />
<Customer-Billing-Phone />
<Is-Controller />
<Attendees-Registered-to-VCS> </Attendees-Registered-to-VCS>
<Attendee-Registered-to-VCS> </Attendee-Registered-to-VCS>
<VCS-User-Id />
<Login-Id />
<First-Name />
<Last-Name />
<Email />
<VCS-Customer-Id />
<Company-Name />
<Is-Controller />
<External-Attendees> </External-Attendees>
<External-Attendee> </External-Attendee>
<Email />
<First-Name />
<Last-Name />
<Predefined-Terminals> </Predefined-Terminals>
<Predefined-Terminal> </Predefined-Terminal>
<Terminal-Id />
<Alias />
<Dial-String />
<IP-ISDN-SIP />

Table B-1   Index of XML tags in the CDR (continued)

Element
<Dial-in-Dial-out />
<MCU />
<Gateway />
<Room />
<Gatekeeper />
<Zone-Prefix />
<External-Terminals> </External-Terminals>
<External-Terminal> </External-Terminal>
<Name />
<Dial-String />
<IP-ISDN-SIP />
<Dial-in-Dial-out />
<MCU />
<Gateway />
<Room />
<Gatekeeper />
<Zone-Prefix />
<Attendees-Terminals-Association> </Attendees-Terminals-Association>
<Association />
<Network-Devices> </Network-Devices>
<GKs> </GKs>
<GK-Proxy-Information> </GK-Proxy-Information>
<VCS-ID />
<Name />
<Model />
<IP-Address />
<Zone-Prefix />
<SIP-Domain />
<GK-Device-Association> </GK-Device-Association>
<Association />
<MCUs> </MCUs>
<MCU-Information> </MCU-Information>
<VCS-ID />
<Alias />
<Model />
<Master-Slave />
<Zone-Prefix />
<Gatekeeper />
<Service-Prefix />
<List-of-Assigned-Terminals> /<List-of-Assigned-Terminals>
<Terminal />
<GateWays> </GateWays>
<Gateway-Information> </Gateway-Information>
<VCS-ID />
<Phone-Number />
<Service-Prefix />
<Service-Bandwidth />
<Country-Code />
<Area-Code />
<Zone-Prefix />
<Terminal-Gateway-Association> </Terminal-Gateway-Association>
<Association />

Table B-1   Index of XML tags in the CDR (continued)

Element
<Rooms> </Rooms>
<Room-Information> </Room-Information>
<VCS-ID />
<Name />
<Terminal-Room-Association> </Terminal-Room-Association>
<Terminal />
<Completed-Conference-Data> </Completed-Conference-Data>
<Conference-Status />
<Reason-Failed />
<Actual-Start-Time />
<Actual-End-Time />
<Terminals-Registered-to-VCS> </Terminals-Registered-to-VCS>
<Terminal-Registered-to-VCS> </Terminal-Registered-to-VCS>
<VCS-Terminal-Id />
<Alias />
<IP-ISDN-SIP />
<Dial-String />
<Total-Connection-Time />
<List-of-Connection-Records /> <List-of-Connection-Records />
<Connection />
<Actual-External-Terminals> </Actual-External-Terminals>
<Actual-External-Terminal> </Actual-External-Terminal>
<Alias />
<IP-ISDN-SIP />
<Dial-String />
<Total-Connection-Time />
<List-of-Connection-Records /> <List-of-Connection-Records />
<Connection />

Understanding the CDR XML Tags

Table B-2 on page B-6 provides details about each CDR tag and includes a reference to information about configuring the tag in the CDR.

Note   For reference purposes, tags in the table are cross-referenced to tags listed in Table B-1 on page B-2 and vice-versa.

Note In the tags, "VCS" is equivalent to "Resource Manager", "conference" is equivalent to "meeting", and "service" is equivalent to "meeting type".

Table B-2   CDR XML Tag details

Tag	Description	Attribute	Type	Example
<conferences> </conferences>	Defines the beginning of all conference data. Contains data for the conferences of an entire day or for a single conference depending on the configuration.	---	---	---
<Event></Event>	Defines the conference type. Indicates if the conference is upcoming, cancelled, changed, etc.			
<ConferenceData> </ConferenceData>	Defines the beginning of data recording for a meeting instance.	---	---	---
<Scheduling-Data> </Scheduling-Data>	Contains data directly related to meeting scheduling, such as which resources are reserved and which attendees and/or terminals are invited as part of meeting scheduling.	---	---	---
<Conference> </Conference>	Contains meeting scheduling data such as the meeting ID, meeting start time, meeting duration, amount of extra IP/ISDN ports reserved, etc.	---	---	---

Table B-2   *CDR XML Tag details (continued)*

Tag	Description	Attribute	Type	Example
<Basic-Information> </Basic-Information>	Contains basic information about the scheduling of a meeting.	---	---	---
<Virtual-Conference-ID />	Contains the Virtual Conference ID number of a specific conference.	value	Integer	<VCS-Conference-ID value="1307" />
<Master-Conference-ID />	Contains the ID used to identify the meeting on the master MCU.	---	---	---
<Slave-Conference-ID-List> </Slave-Conference-ID-List >	Contains a list of meeting IDs on the slave MCUs	---	---	---
<Slave-Conference-ID />	Contains the meeting ID for a single slave MCU.	value	Zone Number + Service Prefix ID + Physical Conference ID	<Slave-Conference-ID value="175-80-4417" />
<Subject />	Contains the meeting subject as entered during meeting scheduling.	value	String	<Subject value="Quarter 3 Results Discussion" />
<Reference-Code />	Contains any internal department, billing, client or account numbers used to track resource use within a company, that are entered during meeting scheduling.	value	String	<Reference-Code value="101236" />
<Description />	Contains the description of the meeting, which is entered during meeting scheduling.	value	string	<Description value="Let's get together to discuss Q3 results and Q4 prospects." />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<MultiPoint-PointToPoint />	Displays whether a multipoint meeting or a point-to-point meeting is scheduled.	value	Multipoint/PointToPoint	
<Scheduled-Adhoc />	Displays whether the meeting is scheduled to start at a future time or if it is created immediately (ad hoc) via Resource Manager or an endpoint.	value	VCS Scheduled/ VCS Ad Hoc/ Endpoint Initiated Ad Hoc	<Scheduled-Adhoc value="VCS Ad Hoc" />
<Start-Time />	Contains the scheduled start time of the meeting.	value	yyyy-mm-ddThh-mm-ssZ	<Start-Time value="2003-03-29T11:35:47Z" />
<Duration />	Contains the scheduled meeting duration.	value	Integer Minutes	<Duration value="30 Minutes" />
<VCS-Server-TimeZone />	Contains time zone information of the Resource Manager server.	value	GMT+/-XX:XX	<VCS-Server-TimeZone value="GMT+08:00" />
<Auto-Extend />	Determines whether or not Auto Extend is selected during meeting scheduling.	value	Boolean	<Auto-Extend value="false" />
<Advanced-Information> </Advanced-Information>	Contains advanced meeting scheduling information.	---	---	---
<Extra-IP-Ports-Reserved><Extra-IP-Ports-Reserved/>	Contains the number of additional IP ports that are reserved for the meeting during meeting scheduling	value	Integer	<Extra-IP-Ports-Reserved value="2" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Extra-ISDN-Ports-Reserved />	<Extra-ISDN-Ports-Reserved />	value	Integer	<Extra-ISDN-Ports-Reserved value="1" />
<Priority />	Displays the Priority option selected during meeting scheduling.	value	Unspecified/ Bandwidth/Delay	<Priority value= "Bandwidth" />
<DateTime-Scheduled />	Contains the date and time that the meeting is scheduled via the Resource Manager.	value	yyyy-mm-ddThh-mm-ssZ	<DateTime-Scheduled value="2003-03-29T11:35:47Z" />
<DateTime-Cancelled />	If a meeting is cancelled prior to its scheduled start time, the tag contains the date and time of cancellation.	value	yyyy-mm-ddThh-mm-ssZ	<DateTime-Cancelled value="N/A" />
<Conference-Lifecycle-Summary> </Conference-Lifecycle-Summary>	Contains lifecycle information for a single instance of a scheduled meeting, including basic statistics captured during meeting scheduling, as well as records of any modifications prior to the actual meeting.	---	---	---
<Resources-Scheduled> </Resources-Scheduled>	Contains a list of resources scheduled when a meeting is created or modified.	---	---	---
<DateTime-Modified />	Contains the date and time of modification of a scheduled meeting.	value	yyyy-mm-ddThh-mm-ssZ	<DateTime-Modified value="2003-03-30T10:20:25Z" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Total-IP-Bandwidth />	Contains the total amount of IP bandwidth, in Kbps, scheduled for the meeting	value	Integer	<Total-IP-Bandwidth value="768" />
<Total-ISDN-Bandwidth />	Contains the total amount of ISDN bandwidth scheduled for a meeting, in Kbps.	value	Integer	<Total-ISDN-Bandwidth value="192" />
<Total-MCU-Connections-Number />	Contains the total number of MCU connections scheduled for a meeting (number of terminals, extra ports and cascading MCUs).	value	Integer	<Total-MCU-Connections-Number value="5" />
<Total-GW-Connections-Number />	Contains the total number of gateway connections scheduled for the conference (number of terminals and reserved ISDN ports).	value	Integer	<Total-GW-Connections-Number value="5" />
<Resources> </Resources>	Contains a list of resources committed or required for a meeting.	---	---	
<Conference-Service> </Conference-Service>	Contains a list of meeting types scheduled for use.	---	---	---
<VCS-Service-Id />	Lists the Resource Manager ID (name) of the service selected for use during the meeting.	value	String	<VCS-Service-Id value="10045" />
<MCU-Service-Prefix />	Contains the MCU service prefix on the master MCU selected for use during the meeting.	value	String	<MCU-Service-Prefix value="80" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Min-Video-Layout />	Displays the minimum (smallest) video layout of all schemes associated with the scheduled meeting type.	value	Integer	<Min-Video-Layout value="1" />
<Max-Video-Layout />	Displays the maximum (largest) video layout of all schemes associated with the scheduled meeting type.	value	Integer	<Max-Video-Layout value="1" />
<Max-Bit-Rate-In />	Displays the maximum incoming video bit-rate (in Kbps) available for the meeting type.	value	Integer	<Max-Bit-Rate-In value="384" />
<Max-Bit-Rate-Out />	Displays the maximum outgoing video bit-rate available for the meeting type, in Kbps.	value	Integer	<Max-Bit-Rate-Out value="0" />
<Max-Frame-Rate-In />	Displays the maximum incoming frame-rate available for the meeting type.	value	Integer	<Max-Frame-Rate-In value="30" />
<Max-Frame-Rate-Out />	Displays the maximum outgoing frame-rate among all schemes available for the meeting type.	value	NONE/5/7.5/10/15/25/30/50/60	<Max-Frame-Rate-Out value="30" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Max-Picture-Format-In />	Displays the maximum incoming picture format available for the meeting type.	value	NONE/SQCIF/ QCIF/SIF/CIF/ VGA/4SIF/4CIF/ SVGA/XGA/SXGA/16CIF/UXGA/ 4XGA	<Max-Picture-Format-In value="4SIF" />
<Max-Picture-Format-Out />	Displays the maximum outgoing picture format available for the meeting type.	value	NONE/SQCIF/ QCIF/SIF/CIF/ VGA/4SIF/4CIF/ SVGA/XGA/SXGA/16CIF/UXGA/ 4XGA	<Max-Picture-Format-Out value="4SIF" />
<Max-T120-Ports-Reserved />	Contains the total number of T120 ports reserved for the meeting.	value	Integer	<Max-T120-Ports-Reserved value="0" />
<Max-Subconferences />	Contains the number of breakout meetings (or sub-conferences) that are a part of the selected meeting type.	value	Integer	<Max-Subconferences value="0" />
<Resources-Scheduled-At-Time-Of-Conference> </Resources-Scheduled-At-Time-Of-Conference>	Contains a list of resources at the time the meeting starts (including modifications made to the meeting reservation prior to the meeting start).	---	---	---
<Total-IP-Bandwidth />	Contains the total amount of IP bandwidth scheduled at the time of the meeting.	value	Integer	<Total-IP-Bandwidth value="768" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Total-ISDN-Bandwidth />	Contains the total amount of ISDN bandwidth scheduled at the time of the meeting.	value	Integer	<Total-ISDN-Bandwidth value="192" />
<Total-MCU-Connections-Number />	Contains the total number of MCU connections scheduled at the time of the meeting.	value	Integer	<Total-MCU-Connections-Number value="5" />
<Total-GW-Connections-Number />	Contains the total number of gateway connections scheduled at the time of the meeting.	value	Integer	<Total-GW-Connections-Number value="5" />
<Attendees-Terminals> </Attendees-Terminals>	Contains lists of attendees and terminals scheduled for a conference.	---	---	---
<Host> </Host>	Contains information about the meeting host assigned during meeting scheduled.	---	---	---
<VCS-User-Id />	Contains the Resource Manager ID number of the meeting host.	value	String	<VCS-User-Id value="75" />
<Login-Id />	Contains the Resource Manager login ID of the meeting host.	value	String	<Login-Id value="Jsmith" />
<First-Name />	Contains the first name of the meeting host.	value	String	<First-Name value="Jennifer" />
<Last-Name />	Contains the last name of the meeting host.	value	String	<Last-Name value="Smith" />

Table B-2   **CDR XML Tag details (continued)**

Tag	Description	Attribute	Type	Example
<Email />	Contains the email address of the meeting host.	value	String	<Email value="Jsmith@ testco.com" />
<VCS-Customer-Id />	Contains the Resource Manager customer ID of the meeting host.	value	String	<VCS-Customer-Id value="67" />
<Company-Name />	Contains the name of the company of the meeting host, which is associated with the Customer ID.	value	String	<Company-Name value="TestCo" />
<Customer-Profile-Type />	Contains the customer profile-type for the company to which the meeting host belongs. **Note** Currently not implement-ed.	value	String	<Customer-Profile-Type value="N/A" />
<Customer-Billing-Phone />	Contains the telephone number for the billing contact of the meeting host.	value	String	<Customer-Billing-Phone value="84995 511" />
<Is-Controller />	Notes whether the organizer, during meeting scheduling, granted the meeting host permission to control the meeting.	value	Boolean	<Is-Controller value="true" />
<Organizer> </Organizer>	Contains information about the meeting organizer.	---	---	---

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<VCS-User-Id />	Contains the Resource Manager ID number of the meeting organizer.	value	String	<VCS-User-Id value="20" />
<Login-Id />	Contains the Resource Manager login ID of the meeting organizer.	value	String	<Login-Id value="Mjones" />
<First-Name />	Contains the first name of the meeting organizer.	value	String	<First-Name value="Mike" />
<Last-Name />	Contains the last name of the meeting organizer.	value	String	<Last-Name value="Jones" />
<Email />	Contains the email address of the meeting organizer.	value	String	<Email value="Mjones@ testco.com" />
<VCS-Customer-Id />	Contains the Resource Manager customer ID of the organizer.	value	String	<VCS-Customer-Id value="67" />
<Company-Name />	Contains the name of the company of the organizer, which is associated with the Customer ID.	value	String	<Company-Name value="TestCo" />
<Customer-Profile-Type />	Contains the customer profile-type for the company to which the organizer belongs. **Note** Currently not implement-ed.	value	String	<Customer-Profile-Type value="N/A" />
<Customer-Billing-Phone />	Contains the telephone number for the billing contact of the meeting organizer.	value	String	<Customer-Billing-Phone value="84995 511" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Is-Controller />	Notes whether or not the organizer also has permission to control the meeting.	value	Boolean	<Is-Controller value="true" />
<Attendees-Registered-to-VCS> </Attendees-Registered-to-VCS>	Contains information about meeting attendees registered in Resource Manager.	---	---	---
<Attendee-Registered-to-VCS> </Attendee-Registered-to-VCS>	Contains information about a meeting attendee registered in Resource Manager			
<VCS-User-Id />	Contains the Resource Manager ID number of a meeting attendee.	value	String	---
<Login-Id />	Contains the Resource Manager login ID of a meeting attendee.	value	String	<Login-Id value="Sperkins" />
<First-Name />	Contains the first name of a meeting attendee.	value	String	<First-Name value="Susan" />
<Last-Name />	Contains the last name of a meeting attendee.	value	String	<Last-Name value="Perkins" />
<Email />	Contains the email address of a meeting attendee.	value	String	<Email value="Sperkins@ testco.com" />
<VCS-Customer-Id />	Contains the Resource Manager customer ID of a meeting attendee.	value	String	<VCS-Customer-Id value="67" />
<Company-Name />	Contains the name of the company of a meeting attendee, which is associated with the Customer ID.	value	String	<Company-Name value="TestCo" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Is-Controller />	Notes whether the organizer, during meeting scheduling, granted an attendee permission to control the meeting.	value	Boolean	<Is-Controller value="false" />
<External-Attendees> </External-Attendees>	Contains a list of external meeting attendees (attendees not registered to Resource Manager).	---	---	---
<External-Attendee> </External-Attendee>	Contains information about an individual external meeting attendee who is not registered in Resource Manager.	---	---	---
<Email />	Contains the email address of an external meeting attendee.	value	String	<Email value="Bwilliams@externalco.com" />
<First-Name />	Contains the first name of an external meeting attendee.	value	String	<First-Name value="Brian" />
<Last-Name />	Contains the last name of an external meeting attendee.	value	String	<Last-Name value="Williams" />
<Terminals-Registered-to-VCS> </Terminals-Registered-to-VCS>	Contains a list of all Resource Manager-registered terminals scheduled for the meeting.	---	---	---

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
\<Terminal-Registered-to-VCS\> \</Terminal-Registered-to-VCS\>	Contains information about a single Resource Manager-registered terminal scheduled for the meeting.	---	---	---
\<VCS-Terminal-Id /\>	Contains the internal Resource Manager ID string of a terminal.	value	String	\<VCS-Terminal-Id value="0001-PARTY-10007" /\>
\<Alias /\>	Contains the internal Resource Manager name or the alias of a terminal.	value	String	\<Alias value="T1" /\>
\<Dial-String /\>	Contains the dial-string information of a terminal. **Note** For an ISDN phone number, the format is "CountryCode-AreaCode-PhoneNumber".	value	String	\<Dial-String value="812518" /\>
\<IP-ISDN-SIP /\>	Specifies the terminal type.	value	IP/ISDN/SIP	\<IP-ISDN-SIP value="IP" /\>
\<Dial-in-Dial-out /\>	Contains the dialing mode of a terminal.	value	Dial-in/Dial-out	\<Dial-in-Dial-out value="Dial-out" /\>
\<MCU /\>	Contains MCU information for an individual terminal registered to the Resource Manager.	value	String	\<MCU value="0001-MCU-10001" /\>

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Gateway />	Contains Gateway information for an individual terminal registered to the Resource Manager.	value	String	<Gateway value="N/A" />
<Room />	Contains room information for a terminal registered to Resource Manager, if that terminal is associated with a room in Resource Manager.	value	String	<Room value= "0001-ROOM -10001" />
<Gatekeeper />	Contains Gatekeeper information for an individual terminal registered to Resource Manager.	value	String	<Gatekeeper value="0001- GK-10001" />
<Zone-Prefix />	Contains the zone prefix for an individual terminal registered to Resource Manager.	value	String	<Zone-Prefix value="81" />
<External-Terminals> </External-Terminals>	Contains a list of external terminals (terminals not registered to Resource Manager) scheduled for the meeting.	---	---	---
<External-Terminal> </External-Terminal>	Contains information for an individual terminal scheduled for a meeting.	---	---	---
<Name />	Contains the name of an external terminal as entered during meeting scheduling.	value	String	<Name value="Rober tEP" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Dial-String />	Contains the dial string of an external terminal.	value	String	<Dial-String value="123456" />
<IP-ISDN-SIP />	Specifies what type of external terminal is scheduled for the meeting.	value	IP/ISDN/SIP	<IP-ISDN-SIP value="IP" />
<Dial-in-Dial-out />	Specifies the dialing mode of an external terminal.	value	Dial-in/Dial-out	<Dial-in-Dial-out value="Dial-in" />
<MCU />	Contains the MCU information for an external terminal.	value	String	<MCU value="0001-MCU-10001" />
<Gateway />	Contains the gateway information for an external terminal.	value	String	<Gateway value="N/A" />
<Room />	Contains the room information of an external terminal (if relevant).	value	String	<Room value="N/A" />
<Gatekeeper />	Contains the gatekeeper information for an external terminal.	value	String	<Gatekeeper value="N/A" />
<Zone-Prefix />	Contains the zone prefix of an external terminal.	value	String	<Zone-Prefix value="N/A" />
<Attendees-Terminals-Association> </Attendees-Terminals-Association>	Contains a list of attendee and terminal associations, allowing administrators to determine which users used which terminals for an individual meeting.	---	---	---

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Association />	Associates an attendee with a terminal, login ID, email address, and terminal/dial string.	Dial-String; Email; LoginId	String	<Association Dial-String= "812518" Email="Mjon es@testco.co m" LoginId="Mj ones" />
<Network-Devices> </Network-Devices>	Contains information about network devices scheduled for use in a meeting during resource allocation.	---	---	---
<GKs> </GKs>	Lists all gatekeepers reserved for use during a meeting.	---	---	---
<GK-Proxy-Information> </GK-Proxy-Information>	Contains information about an individual gatekeeper that is reserved for use during the meeting.	---	---	---
<VCS-ID />	Contains the internal gatekeeper ID in the Resource Manager.	value	String	<VCS-ID value="0001-GK-10001" />
<Name />	Contains the name of the gatekeeper in the Resource Manager.	value	String	<Name value="GK58 " />
<Model />	Contains gatekeeper model information.	value	String	<Model value= "Cisco IOS H.323 Gatekeeper" />
<IP-Address />	Contains the IP address of the gatekeeper.	value	XXX.XXX.XX X.XXX	<IP-Address value= "192.168.1.58 " />

Table B-2 CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Zone-Prefix />	Contains the zone prefix of the gatekeeper.	value	String	<Zone-Prefix value="58" />
<SIP-Domain />	Contains the SIP domain of a gatekeeper.	value	String	<SIP-Domain value="N/A" />
<GK-Device-Association> </GK-Device-Association>	Contains a list of gatekeeper and device associations, including all devices (terminals, MCUs, and gateways) registered to the gatekeeper.	---	---	---
<Association />	Associates an individual gatekeeper with devices registered to that gatekeeper.	Alias; E.164; device-Address; device-Type	String (N/A or xxx.xxx.xxx.xxx); String (e.g., MCU, Gateway, Terminal)	<Association Alias="2509" E.164="2509" device-Address= "N/A" device-Type= "Terminal" />
<MCUs> </MCUs>	Lists all MCUs reserved for use during the meeting.	---	---	---
<MCU-Information> </MCU-Information>	Contains information about an individual MCU reserved for use during the meeting.	---	---	---
<VCS-ID />	Contains the internal Resource Manager ID of the MCU.	---	---	<VCS-ID value="0001-MCU-10008" />
<Alias />	Contains the name of the MCU name in the Resource Manager.	value	String	<Alias value="MCU 82" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Model />	Contains model information for an individual MCU scheduled for use for the meeting.	value	String	<Model value= "Cisco MCU 3.0+" />
<Master-Slave />	Specifies whether this MCU is master or slave if the meeting is scheduled with cascading.	value	Boolean	<Master-Slave value="false" />
<Zone-Prefix />	Specifies the zone prefix of an MCU.	value	Integer	<Zone-Prefix value="58" />
<Gatekeeper />	Specifies the gatekeeper to which the MCU registers.	value	String	<Gatekeeper value="0001-GK-10001" />
<Service-Prefix />	Specifies the service prefix of an MCU.	value	String	<Service-Prefix value="80" />
<List-of-Assigned-Terminals> /<List-of-Assigned-Terminals>	Contains a list of terminals assigned to the MCU for the meeting.	---	---	---
<Terminal />	Contains information about a single terminal assigned to the MCU for the meeting. **Note** For an ISDN phone number, the format is "CountryCode-AreaCode-PhoneNumber".	Alias; Dial-String;IP-ISDN-SIP	String; String; IP/ISDN/SIP	<Terminal Alias="2518" Dial-String="812518" IP-ISDN-SIP ="IP" />
<GateWays> </GateWays>	Lists all gateways reserved for use during the meeting.	---	---	---

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Gateway-Information> </Gateway-Information>	Contains information about an individual gateway reserved for use during the meeting.	---	---	---
<VCS-ID />	Contains the internal Resource Manager ID of the gateway.	value	String	<VCS-ID value="0001-GW-10006" />
<Phone-Number />	Contains the gateway phone number.	value	String	<Phone-Number value="88372 361" />
<Service-Prefix />	Contains the prefix of the requested service.	value	String	<Service-Prefix value="9384" />
<Service-Bandwidth />	Specifies the bandwidth associated with the requested service configured on the gateway.	value	Integer	<Service-Bandwidth value="384" />
<Country-Code />	Specifies the country code of a gateway.	value	Integer	<Country-Code value="86" />
<Area-Code />	Specifies the area code of a gateway.	value	Integer	<Area-Code value="10" />
<Zone-Prefix />	Specifies the zone prefix of a gateway.	value	Integer	<Zone-Prefix value="58" />
<Terminal-Gateway-Association> </Terminal-Gateway-Association>	Contains a list of endpoints (terminals) assigned to the gateway for the meeting.	---	---	---

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Association />	Associates an ISDN terminal with the gateway it will use for the meeting.	Alias; ISDN-Phone-Number; Scheduled-Service-Bandwidth	Integer; String; String; Integer	<Association Alias="ISDN 002" ISDN-Phone-Number="22-55-88" Scheduled-Service-Bandwidth="64" Scheduled-Service-Prefix="9064" />
<Rooms> </Rooms>	Lists all rooms reserved for use during the meeting.	---	---	---
<Room-Information> </Room-Information>	Contains information about an individual room reserved for use during the meeting.	---	---	---
<VCS-ID />	Contains the Resource Manager ID number of the room.	value	String	<VCS-ID value="0001-ROOM-10003" />
	Contains the room name in Resource Manager.	value	String	<Name value="Conference Room" />
<Terminal-Room-Association> </Terminal-Room-Association>	Contains a list of terminals and rooms to which they are assigned for the meeting.	---	---	---
<Terminal />	Associates a room with any terminals that are located there for the meeting.	Alias; Dial-String; IP-ISDN-SIP	String; String: IP/ISDN/SIP	<Terminal Alias="ISDN 001" Dial-String="44-55-66" IP-ISDN-SIP="ISDN" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Completed-Conference-Data> </Completed-Conference-Data>	Contains actual conference data collected during the course of the meeting and at the conclusion of the meeting.	---	---	---
<Conference-Status />	Contains information about the results of the meeting, such as whether or the meeting was canceled before its scheduled start time or started successfully.	value	CANCELLED-BY-USER/ CANCELLED-BY-VCS/ FAILED TO START/START ED	<Conference-Status value="STARTED" />
<Reason-Failed />	Describes the reason a meeting fails to start.	value	String	<Reason-Failed value="N/A" />
<Actual-Start-Time />	Contains the actual (versus scheduled) start time of the meeting.	value	yyyy-mm-ddThh-mm-ssZ	<Actual-Start-Time value="2003-03-29T11:35:49Z" />
<Actual-End-Time />	Contains the actual (versus scheduled) end time of the meeting.	value	yyyy-mm-ddThh-mm-ssZ	<Actual-End-Time value="2003-03-29T11:47:43Z" />
<Terminals-Registered-to-VCS> </Terminals-Registered-to-VCS>	Contains a list of terminals registered to Resource Manager that actually participated in the meeting.	---	---	---
<Terminal-Registered-to-VCS> </Terminal-Registered-to-VCS>	Contains information on an individual terminal registered to Resource Manager that actually participated in the meeting.	---	---	---

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<VCS-Terminal-Id />	Contains the internal Resource Manager ID of a participating terminal.	value	String	<VCS-Terminal-Id value="0001-PARTY-10005" />
<Alias />	Contains the VCS alias of a participating terminal.	value	String	<Alias value="2518" />
<IP-ISDN-SIP />	Defines the type of the participating terminal.	value	IP/ISDN/SIP	<IP-ISDN-SIP value="IP" />
<Dial-String />	Contains the dial string of the participating terminal. **Note** For an ISDN phone number, the format is "CountryCode-AreaCode-PhoneNumber".	value	String	<Dial-String value="812518" />
<Total-Connection-Time />	Contains the total connection time of the participating terminal to the meeting.	value	String (Integer + s (seconds))	<Total-Connection-Time value="600s" />
<List-of-Connection-Records /> <List-of-Connection-Records />	Contains a record of each time the participating terminal connects to and disconnects from the meeting.	---	---	---

Table B-2   *CDR XML Tag details (continued)*

Tag	Description	Attribute	Type	Example
<Connection />	Contains connection records for a specific terminal.	ConnectionTime; Dial-in-Dial-out; Disconnection-Time; Over-GW-port-limit;Over-MCU-port-limit; Reason Disconnecting	yyyy-mm-ddThh-mm-ssZ; Dial-in/Dial-out; yyyy-mm-ddThh-mm-ssZ; Boolean; Boolean; VCS Disconnect/Abnormal disconnect	<Connection ConnectionTime="2003-03-29T11:35:51Z" Dialin-Dialout="Dial-out" Disconnection-Time="2003-03-29T11:43:45Z" Over-GW-port-limit="false" Over-MCU-port-limit="true" Reason-Disconnection="VCS Disconnect" />
<Actual-External-Terminals> </Actual-External-Terminals>	Contains a list of external terminals that actually participate in the meeting.	---	---	---
<Actual-External-Terminal> </Actual-External-Terminal>	Contains information on an individual external terminal that actually participates in the meeting.	---	---	---
<Alias />	Contains the alias of the participating external terminal.	value	EXTRA: Number (ISDN Phone Number or IP E.164 Number)	<Alias value="EXTRA:44-44-44" />
<IP-ISDN-SIP />	Contains the type of the participating external terminal.	value	IP/ISDN/SIP	<IP-ISDN-SIP value="N/A" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<Dial-String />	Contains the dial string of the participating external terminal. **Note** An ISDN phone number uses the format "CountryCode-AreaCode-PhoneNumber".	value	String	<Dial-String value="645555444444" />
<Total-Connection-Time />	Contains the total connection time of the participating external terminal to the meeting.	value	String (Integer + s (seconds))	<Total-Connection-Time value="0s" />

Table B-2   CDR XML Tag details (continued)

Tag	Description	Attribute	Type	Example
<List-of-Connection-Records /> <List-of-Connection-Records />	Contains a record of each time the participating external terminal connects to and disconnects from the meeting.	---	---	---
<Connection />	Contains connection records for a specific external terminal.	Connection Time; Dialin-Dialout; Disconnection-Time; Over-GW-port-limit; Over-MCU-port-limit; Reason-Disconnection	yyyy-mm-ddThh-mm-ssZ; Dial-in/Dial-out; yyyy-mm-ddThh-mm-ssZ; Boolean; Boolean; VCS Disconnect/ Abnormal disconnect	<Connection ConnectionTime="2003-03-29T11:35:51Z" Dialin-Dialout= "Dial-out" Disconnection-Time="2003-03-29T11:43:45Z" Over-GW-port-limit="false" Over-MCU-port-limit="true" Reason-Disconnection= "VCS Disconnect" />